

Table S5: Comparison of the pCNVs rates for children and adolescents with BMI \geq 95th percentile by age, sex and level of obesity

Groups	Severe obesity	Moderate obesity	Fisher's Exact test
Males (%)	21/105 (20)	3/18 (17)	p=1.0
Females (%)	14/55 (25)	9/30 (30)	p=0.8
Children (%)	20/96 (21)	8/29 (28)	p=0.5
Adolescents (%)	15/64 (23)	4/19 (21)	p=1.0
Male children (%)	11/60 (18)	1/9 (11)	p=1.0
Female children (%)	9/36 (25)	7/20 (35)	p=0.5
Male adolescents (%)	10/45 (22)	2/9 (22)	p=1.0
Female adolescents (%)	5/19 (26)	2/10 (20)	p=1.0

Children (2-9 years)

Adolescents (10-19 years)

Severe obesity (\geq 120% of the 95th)

Moderate obesity (<120% of the 95th)

The fractions in parentheses indicate the number of patients with pCNVs over the total number of cases in each group.

